

DERWENT-ACC-NO: 1980-62318C

DERWENT-WEEK: 198036

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TITLE: Baking **conveyor** tunnel for browning pre-baked loaves of bread - having infrared heaters above and below open mesh **conveyor** band

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PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	
MAIN-IPC				
BE 882866 A	August 18, 1980	N/A	000	N/A
EP 27116 A	April 22, 1981	F	000	N/A
FR 2454596 A	December 18, 1980	N/A	000	N/A
IT 1141702 B	October 8, 1986	N/A	000	N/A
US 4363955 A	December 14, 1982	N/A	000	N/A
WO 8002224 A	October 30, 1980	F	000	N/A

DESIGNATED-STATES: AT CH DE GB LI NL JP SU US AT CH DE GB NL

CITED-DOCUMENTS: FR 2230293; GB 693878 ; US 3249741 ; US 3448678

INT-CL (IPC): A21B001/48, A21B002/00 , F24C007/04 , F27B009/24 , F27D000/00

ABSTRACTED-PUB-NO: BE 882866A

BASIC-ABSTRACT:

An **oven** for heating and cooking food prods., partic. for the final browning stage of pre-baked loaves of bread etc. The **oven** is of the type which has a **conveyor** to carry the prod. through an open-ended tunnel fitted with heaters, partic. infrared heaters. The **conveyor** band is of open mesh material or other open work material with a high proportion of open spaces. **Radiant** heat is able to pass easily through the band. Heaters are installed both above and below the **conveyor** band. The **conveyor** band is pref. made of flexible wire mesh or grill. A set of infrared heaters above the band and another set below the band pref. have independent power regulators. The **upper set of infrared heaters** is pref. offset longitudinally of the **conveyors** band w.r.t. the **lower set of infrared heaters**.

The **upper set of heaters** pref. include infrared tubes of short wave length emission only. The **lower set of heaters** has medium wave length tubes followed by short wave length tubes.

Used for final brake and browning of pre-baked loaves of bread, partic. for retail shops offering freshly baked bread.

TITLE-TERMS: BAKE **CONVEYOR** TUNNEL BROWNING PRE BAKE LOAF BREAD INFRARED HEATER

ABOVE BELOW OPEN MESH **CONVEYOR** BAND

DERWENT-CLASS: D11 Q74 Q77

CPI-CODES: D01-A01;